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U.S. Utility Patent Appl. No. 09/403,269; § 371 Date: October 18, 1999

U.S. Nat'l Phase of PCT/SE98/00703; I.A. Filing Date: April 17, 1998

May 28, 2002

DNA Sequence Encoding a Novel Glucuronyl C5-Epimerase (as amended)

Inventors:

Lindahl et al.

Our Ref:

1708.0380000/MAC/MBT

Sir:

Transmitted herewith for appropriate action are the following documents:

- 1. PTO Fee Transmittal (Form PTO/SB/17);
- 2. Amendment and Reply Under 37 C.F.R. § 1.116;
- Our Check No. 35327 for \$1,788.00 to cover: 3. \$1,788.00 Excess Claim Fee (37 C.F.R. 1.16); and
- 4. One (1) return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted.

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Michele A. Cimbala Attorney for Applicants

Trinker A. Cembah

Registration No. 33,851

MAC:MBT:lam **Enclosures**

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PTO/SB/17 (10-01)
Approved for use through 10/31/2002. OMB 0651-0032
d Trademark Office: U.S. DEPARTMENT OF COMMERCE

TPEFEE TRANSMITTAL MAY 2 8 2002 Patent fees are subject to annual revision.

TOTAL AMOUNT OF THE PMENT

(\$)1,788.00

espond to a collection of information	n unless it displays a valid OMB control number				
Сотр	elete if Known				
Application Number	09/403,269				
§ 371 Date	October 18, 1999				
First Named Inventor	Ulf Lindahl				
Examiner Name	D. Steadman				
Group Art Unit	1652				
Attorney Docket No.	1708.0380000/MAC/MBT				

METHOD OF PAYMENT (check one)	EFF CALCULATION (
WE THOD OF PATMENT (CHeck one)	FEE CALCULATION (continued) 3. ADDITIONAL FEES							
1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:	Large 1		Small	Entity				
Deposit Account Number 19-0036	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee D	Fee paid		
Deposit Account Name Sterne, Kessler, Goldstein & Fox P.L.L.C.	105	130	205	65	Surcharge - late filing			
Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17		50	227	25	Surcharge - late provisions	al filing fee or cover she	et	
		130	139	130	Non-English specif	ication	오	
Applicant claims small entity status See 37 CFR 1.27		2,520	147	2,520	For filing a request for	or <i>ex parte</i> reexamin	nation S	
		920*	112	920*	Requesting publication of action	of SIR prior to Examina	- 0	
2. Apayment Enclosed:	113	1,840*	113	1,840*	Requesting publication of	of SIR after Examiner	action 65	
☐ Check ☐ Credit card ☐ Money Order ☐ Other* *Charge any deficiencies or credit any overpayments in the fees or fee calculations of Parts 1, 2 and 3 below to Deposit Account No. 19-0036.	115	110	215	55	Extension for reply w	action 6000000000000000000000000000000000000		
FEE CALCULATION	116	400	216	200	Extension for reply w	ithin second month		
1. BASIC FILING FEE	117	920	217	460	Extension for reply w	ithin third month		
Large Entity Small Entity	118	1,440	218	720	Extension for reply w	ithin fourth month		
Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)	128	1,960	228	980	Extension for reply w	ithin fifth month		
101 740 201 370 Utility filing fee	119	320	219	160	Notice of Appeal			
106 330 206 165 Design filing fee	120	320	220	160	Filing a brief in suppo			
107 510 207 255 Plant filing fee	121	280	221	140	Request for oral hear			
108 740 208 370 Reissue filing fee	138	1,510	138	1,510	Petition to institute a	ina		
114 160 214 80 Provisional filing fee	140	110	240	55	Petition to revive - un			
	141	1,280	241	640				
SUBTOTAL (1) (\$) 0.00	142	1,280	242	640	Utility issue fee (or re			
	143	460	243	230	Design issue fee			
	144	620	244	310	Plant issue fee			
	122	130	122	130	Petitions to the Comm	nissioner		
2. EXTRA CLAIM FEES Fee from Extra below Fee Paid	123	130	123	130	Petitions related to pr	ovisional applicatio	ons	
Extra below Fee Paid Total Claims 96 - 20** = 76 X 18.00 = 1,368.00	126	180	126	180	Submission of Information Disclosure Stmt			
Indep. Claims 8 - 3** = 5 X 84.00 = 420.00	581	40	481	40	Recording each patent assignment per property (times number of properties)			
Multiple Dependent <u>280.00</u> =	146	740	246	370				
Large Entity Small Entity Fee Fee Fee Fee Description Code (\$) Code (\$)	149	740	249	370	For each additional invention to be examined (37 CFR 1.129(b))			
103 18 203 9 Claims in excess of 20	179	740	279	370	Request for Continue	d Examination (RC	E)	
102 84 202 42 Independent claims in excess of 3	169	900	169	900	Request for expedited examination of a design			
104 280 204 140 Multiple dependent claim			,		application			
patent	Other fee (specify):							
110 18 210 9 **Reissue claims in excess of 20 and over original patent	Other fee (specify):							
SUBTOTAL (2) (\$)1,788.00	Reduced by Basic Filing Fee Paid							
or number previously paid, if greater; For Reissues, see above SUBTOTAL (3) (\$) 0.00								
SUBMITTED BY Complete (if applicable)								
Name (Print/Type) Michele A. Cimbala		Registration No. (Attorney/Agent) 33,851			33,851	Telephone	202-371-2600	
Signature 1								



Amendment Under 37 C.F.R. § 1.116 Expedited Procedure - Art Unit 1652

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED

In re application of:

LINDAHL et al.

Application. No. 09/403,269

§ 371 Date: October 18, 1999

U.S. National Phase of PCT/SE98/00703;

I.A. Filing Date: April 17, 1998

For: DNA Sequence Encoding a Novel

Glucuronyl C5-Epimerase (as

amended)

Confirmation No. 7046

MAY 3 0 2002

Art Unit: 1652

TECH CENTER 1600/2900

Examiner: D. Steadman

Atty. Docket: 1708.0380000/MAC/MBT

NOT ENTERED

Amendment and Reply Under 37 C.F.R. § 1.116

Attn: Box AF

Sir:

In reply to the Office Action dated **February 26, 2002**, (PTO Prosecution File Wrapper Paper No. 15), Applicant(s) submit(s) the following Amendment and Remarks. This Amendment is provided in the following format:

- (A) A clean version of each replacement paragraph/section/claim along with clear instructions for entry;
- (B) Starting on a separate page, appropriate remarks and arguments.

37 C.F.R. § 1.121 and MPEP 714; and

(C) Starting on a separate page, a marked-up version entitled: "Version with markings to show changes made."

05/29/2002 JADDO1 00000052 09403269

01 FC:102 02 FC:103 420.00 OP 1368.00 OP